

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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First Named Inventor	Masanobu AIZAWA
Art Unit	1797
Examiner Name	Benjamin M. Kurtz
Attorney Docket Number	Q95621

**U.S. PATENTS**

Examiner Initials*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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**U.S. PATENT APPLICATION PUBLICATIONS**

Examiner Initials*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No	Foreign Document Number <sup>2</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/BK/	1	2001-064075	JP	A	2001-03-13	SUMITOMO CHEM CO., LTD.		English Abstract
/BK/	2	01-274815	JP	A	1989-11-02	TOTO LTD.		English Abstract
/BK/	3	03-143535	JP	A	1991-06-19	TOTO LTD.		English Abstract
/BK/	4	2000-288325	JP	A	2000-10-17	NGK INSULATORS LTD.		English Abstract
/BK/	5	2002-066280	JP	A	2002-03-05	TOTO LTD.		English Abstract
/BK/	6	09-241076	JP	A	1997-09-16	TOTO LTD.		English Abstract
/BK/	7	10-021935	JP	A	1998-01-23	TOTO LTD.		English Abstract
/BK/	8	04-224181	JP	A	1992-08-13	TOTO LTD.		English Abstract
/BK/	9	07-48376 (JP04-301369)	JP	B2	1992-10-23	NGK INSULATORS LTD.		English Abstract
/BK/	10	05-200259	JP	A	1993-08-10	NGK INSULATORS LTD.		English Abstract
/BK/	11	2000-126564	JP	A	2000-05-09	NORITAKE CO., LTD.		English Abstract
/BK/	12	8-318141	JP	A	1996-12-03	mitsui eng & shipbuild co., lt		English Abstract
/BK/	13	09-202615	JP	A	1997-08-05	NORITAKE CO., LTD.		English Abstract
/BK/	14	11-100283	JP	A	1999-04-13	NGK INSULATORS LTD.		English Abstract
/BK/	15	03-068410	JP	A	1991-03-25	TOTO LTD.		English Abstract
/BK/	16	2005-262043	JP	A	2005-09-29	BUSSAN NANOTECH RESEARCH INSTI		English Abstract

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## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T <sup>5</sup>
/BK/	1	MOHRI, et al. Development of Advanced Alumina "SUMICORUNDUM", Sumitomo Chemical 1996-II (November 29, 1996).	English Abstract
/BK/	2	TANAKA, et al. "Advanced Alumina Powder with Uniform Particle Size", Chemistry and Chemical Industry Vol.50 (March 1, 1997).	English Abstract
/BK/	3	Materials & Technology (January 30, 1990).	English Abstract
/BK/	4	Materials & Technology (April 25, 1991).	English Abstract
/BK/	5	HITACHI, Zosen Ceramics Filter (Hitachi Zosen; August 25, 1991).	English Abstract
/BK/	6	TOTO Ceramic Membranes (November, 1990).	English Abstract

## EXAMINER SIGNATURE

Examiner Signature	/Benjamin Kurtz/	Date Considered	05/26/2009
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